

## CURRICULUM VITAE

**MELISSA L. PEMBERTON**

### **Forensic Toxicologist**

[Washington State Toxicology Laboratory](#)

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#### **EMPLOYMENT:**

- **Forensic Toxicologist Supervisor:** - Washington State Toxicology Laboratory, Seattle, WA May 2004-Present
- **Forensic Toxicologist:** - Washington State Toxicology Laboratory, Seattle, WA August 1998-May 2004
- **Certifying Scientist** - SmithKline Beecham Clinical Laboratory, Department of Forensic Toxicology, Seattle, WA 1993 - 1998
- **Medical Technologist** - SmithKline Beecham Clinical Laboratory, Department of Clinical and Forensic Toxicology, Seattle, WA 1986 -1993
- **Laboratory Assistant** - Puget Sound Blood Center, Cross-matching Department, Seattle, WA June 1984 - November 1985

#### **EDUCATION:**

- **Medical Technology Internship** - Tacoma General Hospital, Tacoma, WA 1984 - 1985
- **Bachelor of Science** - Microbiology, San Diego State University, San Diego, CA 1983

#### **ADDITIONAL TRAINING:**

- **Feeling Blue? Antidepressant Workshop! The Society of Forensic Toxicologists**, Portland, OR. October, 2003
- **The Effects of Drugs on Human Performance and Behavior-Indiana University**, Bloomington, IN. March 16-19<sup>th</sup>., 2003
- **Comprehensive HPLC Training Seminar, Restek** - Seattle, WA, August, 2002
- **DWI Detection and Standardized Field Sobriety Testing** - USDOT, National Highway Traffic Safety Administration, Seattle Police Department, November 2001
- **5973 MSD Autotune, Agilent Technologies**, Seattle, WA September 2001
- **Current Topics in Forensic Toxicology**, Los Angeles, CA August, 2001

- **Academy of Forensic Sciences Meeting** - Seattle, WA, February, 2001
- **Northwest Association Of Forensic Scientists Meeting** - Seattle, WA, October, 2000
- **Academy Of Forensic Sciences Meeting** - Reno, NV, February 2000
- **The Rave Culture, Ravers, and their Drugs** - DRE Seminar, Jim Mock, Seattle, WA, 2000
- **Drug Induced Diminished Capacity**, Seattle, WA 2000
- **Comprehensive Gas Chromatography Training Seminar**-Restek - Seattle, WA, 1999
- **Issues in Urine Testing for Amphetamine and Methamphetamine** - Teleconference conducted by Dr. Leo Kadehjian, Washington State Toxicology Laboratory, Seattle WA, September 1999
- **Everything You Always Wanted to Know About SYVA EMIT Chemistries** - Seminar by Carolyn Steinmetz, Washington State Toxicology Laboratory, Seattle WA, April 1999
- **Tricyclic Antidepressants: Use and Detection** - Teleconference conducted by Dr. Leo Kadehjian, Washington State Toxicology Laboratory, Seattle WA, March 1999
- **Tests for BAC in Highway Safety Programs, Supervision and Expert Testimony** - Indiana University, Bloomington IN, December 1998
- **Validation of Field Sobriety Tests at 0.05 and 0.08, and Effects of Low Levels of Alcohol and Driving** - Marcelline Burns PhD, Washington State Toxicology Laboratory, Seattle WA, November 1998
- **Gas Chromatograph/Mass Spectrometer Maintenance School** - Hewlett Packard, Bellevue, WA 1991
- **Rapid Drug Detection** - Toxilab, 1990

#### **Publications:**

- **Poster Presentation: BAC's > 0.30 g/100mls. Can They Walk The Line?**  
SOFT (Society of Forensic Toxicology) Annual Meeting, Portland, OR, 2003
- **Couper FJ, Pemberton M, Jarvis A., Hughes M, Logan BK, Prevalence of drug use in commercial tractor-trailer drivers.**

#### **PROFESSIONAL SOCIETIES:**

- **American Society of Clinical Pathologists**